



Industrial Batteries



From the World Leader in VRLA Battery Technology

Marathon – The Industry’s Choice in VRLA Batteries.

Exide Technologies Industrial Energy offers MARATHON Valve Regulated Lead Acid (VRLA) batteries as the industry-proven power solution to a variety of telecommunications and electric utility applications. Superior design principles have been applied across a wide capacity range (28 to 190 Amp-Hours) to assure a combination of long life, solid discharge performance, and scalability to almost any power need. Exide’s experience and innovation with VRLA technology makes MARATHON the preferred choice for medium and long duration emergency battery backup.



Application Ready

Telecommunications:

Wireless, Cellular, Distributed Power, PCS, Broadband

Electric Utility:

Switchgear Control Power

Designed to Go the Distance

10 Year Design Life in float applications:

25° C (77° F). Superior Lead-Tin-Calcium-Silver Positive Alloy helps resist corrosion.

Higher Vent Opening Pressure to avoid unnecessary gassing. One-way, self-resealing device tested and proven to maximize battery life.

Proper Positive Grid Growth Allowance minimizes buckling of plates and potential shorting.

Carry Handles for ease of installation.

Copper Alloy, 6mm, Female Terminals for low resistance, high integrity connections. (35FT/50FT/60FT provided with male termination)



FRONT TERMINAL Series

The Front Terminal MARATHON models (35AH, 50AH, 60AH, 90AH, 105AH, 125AH, 155AH, 180AH) capitalize on the same design and reliability features of the widely popular MARATHON Top Terminal series. However, the location of the terminals on the front (vs. the top) of the battery greatly facilitates the installation and maintenance of the product when placed in a cabinet enclosure or on a standard relay rack.

State of the Art Manufacturing

- **Fully Automated Helium Leak Detection Equipment** helps assure integrity of seals.
- **Computer Controlled “Fill-By-Weight” Acid Filler** helps guarantee proper amount of electrolyte distribution to each cell.
- **Temperature-Controlled Water Bath Formation** creates ideal and repeatable process conditions.
- **Automated Plate Stacking and Assembly Equipment** for efficient and consistent element production.
- **Capacity Discharge Test** for every MARATHON battery promises compliance to the nameplate design.
- **ISO 9001:2000 (Quality Management System) and ISO 14001:2004 (Environmental Management System)** maintained at the Columbus, Georgia manufacturing facility.

AMP-HOUR Flexibility

Wide range of top terminal and front terminal performance ratings available.

Battery Power Packages for:

- 19" and 23" Relay Rack Installations
- NEBS & Seismic U.B.C. Zone 4 installations



Reliability Enhancers

Patented “Diamond Side-Wall” design to maintain structural integrity in higher operating temperatures.

Durable Polypropylene container and cover.
Flame-retardant version available to comply with UL94 V-0

High-Compression Absorbent Glass Mat (AGM) technology for greater than 99% recombination efficiency.

Integrated Flash Arrestor ultrasonically welded into cover for secure and safe protection.

Marathon- Better from the Inside Out

- 1 Front Accessible Copper Alloy Terminals
- 2 Integrated, “Easy On/Easy Off” Post Protector
- 3 Heavy Duty Carry Handles
- 4 Reliable one-way, self resealing safety vents
- 5 Compact Multicell Design; High Energy Density
- 6 Reinforced Polypropylene Flame Retardant Container
- 7 Patented “Diamond Side Wide” Reduces Deflection
- 8 Highly Compressed Absorbed Glass Mat Separator (Wraps Positive Plates)



Qualifications: IEC 896-2; UL Recognized Component; Eurobat 10-12 year High Performance; Telcordia GR-63-CORE, Fully Recyclable to world standards.



Exide Technologies – The Industry Leader.



ABSOLYTE

**GNB Flooded
Classic**

MARATHON

ONYX
ULTRAHIGH POWER

RELAY GEL

Sonnenschein

Sprinter

Exide Technologies Industrial Energy is a global leader in motive power battery and charger systems for electric lift trucks and other material handling equipment. Network power applications include communication/data networks, UPS systems for computers and control systems, electrical power generation and distribution systems, as well as a wide range of other industrial standby power applications. With a strong manufacturing base in both North America and Europe and a truly global reach (operations in more than 80 countries) in sales and service, Exide Technologies Industrial Energy is best positioned to satisfy your back up power needs locally as well as all over the world.

Based on over 100 years of technological innovation the Network Power Division leads the industry with the most recognized global brands such as ABSOLYTE®, GNB FLOODED CLASSIC®, MARATHON®, ONYX™, RELAY GEL®, SONNENSCHN® and SPRINTER®. They have come to symbolize quality, reliability, performance and excellence in all the markets served.

Exide Technologies takes pride in its commitment to a better environment. Its Total Battery Management program, an integrated approach to manufacturing, distributing and recycling of lead acid batteries, has been developed to ensure a safe and responsible life cycle for all of its products.

Exide Technologies Industrial Energy

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GB3986 2010-04



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